Name: \_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Reminder:

* The notes that you write down on this paper must be in your own words. Your task is to SUMMARIZE your findings in the appropriate section.
* Be sure to document your works cited!
* View the rubric at the end of this document to see the expectations to reach proficiency.

|  |  |  |
| --- | --- | --- |
| *Object One* | Topics | *Object Two* |
|  | Cost   * cost to extract/ harvest natural material OR cost to produce synthetic * cost to consumer |  |
|  | ←Resources→ |  |
|  | Human health   * health hazards * health benefits |  |
|  | ←Resources→ |  |
|  | Environmental impact   * impact on ecosystems (plants, animals, and/or earth) * during harvesting, recycling, disposal |  |
|  | ←Resources→ |  |
|  | Durability/life span   * how strong is it * how long will it last * is it recyclable |  |
|  | ←Resources→ |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Material #1** | **4** | **3** | **2** | **1** |
| **Cost of production/purchase** | Actual costs of production and purchase and sources of info provided | Actual cost of production or purchase and sources of info provided | Estimated or approximated cost of production or purchase and source of info provided | “Cheaper” or “more expensive” with sources of this information provided |
| **Health Impacts** | Comprehensive list of impacts and benefits | List of major impacts and benefits | List of some impacts and benefits | Few impacts and benefits listed |
| **Environmental Impacts** | Comprehensive list of impacts on ecosystems during procurement and disposal | List of major impacts on ecosystems during procurement and disposal | List of some impacts on ecosystems during procurement and disposal | Few impacts listed |
| **Durability/Life Span** | Estimated life span, what affects the life span, reasons for becoming unusable and sources of info provided | Estimated life span, reasons for becoming unusable, sources of info provided | Estimated life span or reasons for becoming unusable and sources for info provided | “will last longer” or “will not last as long” and sources of info provided |
| **Material #2** |  |  |  |  |
| **Cost of production/purchase** | Actual costs of production and purchase and sources of info provided | Actual cost of production or purchase and sources of info provided | Estimated or approximated cost of production or purchase and source of info provided | “Cheaper” or “more expensive” with sources of this information provided |
| **Health Impacts** | Comprehensive list of impacts and benefits | List of major impacts and benefits | List of some impacts and benefits | Few impacts and benefits listed |
| **Environmental Impacts** | Comprehensive list of impacts on ecosystems during procurement and disposal | List of major impacts on ecosystems during procurement and disposal | List of some impacts on ecosystems during procurement and disposal | Few impacts listed |
| **Durability/Life Span** | Estimated life span, what affects the life span, reasons for becoming unusable and sources of info provided | Estimated life span, reasons for becoming unusable, sources of info provided | Estimated life span or reasons for becoming unusable and sources for info provided | “will last longer” or “will not last as long” and sources of info provided |

Material 1: 4 3.5 3 2.5 2 1.5 1

Standard: Obtain, evaluate,

and communicate information Material 2: 4 3.5 3 2.5 2 1.5 1

Overall: 4 3.5 3 2.5 2 1.5 1